

## SEQUENCE LISTING

<110> UNIVERSITA' DEGLI STUDI DI TORINO  
Mara BRANCACCIO  
Lorenzo SILENGO  
Fiorella ALTRUDA  
Giuseppe LEMBO  
Luigi FRATTA  
Guido TARONE

<120> MELUSIN, A MUSCLE SPECIFIC PROTEIN, AS A DRUG TARGET FOR PREVENTION AND TREATMENT OF HEART FAILURE

<130> 4636-25 / BUS5222-CF

<140> US 10/538,736  
<141> 2005-08-11

<150> PCT/IT2002/000807  
<151> 2002-12-19

<160> 2

<170> MS Word

<210> 1  
<211> 350  
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Asp Phe Ser Glu Phe Leu Asn Ile Lys Gly Cys Thr Val Gly Leu His  
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Cys Ala Glu Lys Leu Pro Glu Val Pro Pro Gln Pro Glu Gly Pro Ala  
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Thr Ser Ser Leu Gln Glu Gln Lys Pro Leu Asn Thr Ile Pro Lys Ser  
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Ala Glu Thr Leu Phe Arg Glu Arg Pro Lys Ser Glu Met Pro Pro Lys  
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Leu Leu Pro Leu Leu Ile Ser Gln Ala Leu Gly Val Ala Leu Glu Gln  
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Lys Glu Leu Asp Gln Glu Pro Gly Ala Gly Leu Asp Asn Ser Leu Ile  
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 Trp Thr Gly Ser Ser Cys Gln Asn Pro Gly Cys Asp Ala Val Tyr Gln  
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 Gly Pro Glu Ser Asp Ala Thr Pro Cys Thr Tyr His Pro Gly Ala Pro  
 165 170 175  
 Arg Phe His Glu Gly Met Lys Ser Trp Ser Cys Cys Gly Ile Gln Thr  
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 Leu Asp Phe Gly Ala Phe Leu Ala Gln Pro Gly Cys Arg Val Gly Arg  
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 His Asp Trp Ala Lys Gln Leu Pro Ala Ser Cys Arg His Asp Trp His  
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 Gln Thr Asp Ser Val Val Val Leu Thr Val Tyr Gly Gln Ile Pro Leu  
 225 230 235 240  
 Pro Ala Phe Asn Trp Val Lys Ala Ser Gln Thr Glu Leu His Val His  
 245 250 255  
 Ile Val Phe Asp Gly Asn Arg Val Phe Gln Ala Gln Met Lys Leu Trp  
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 Gly Val Ile Asn Val Glu Gln Ser Ser Val Ser Leu Met Pro Ser Arg  
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 Val Glu Ile Ser Leu Val Lys Ala Asp Pro Gly Ser Trp Ala Gln Leu  
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 Glu His Pro Asp Ser Leu Ala Glu Lys Ala Arg Ala Gly Val Leu Leu  
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 Phe His Asp Ala Leu Lys Gly Trp Ser Cys Cys Arg Lys Arg Thr Val  
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Asp Phe Ser Glu Phe Leu Asn Ile Lys Gly Cys Thr Met Gly Pro His  
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 Ser Ser Ser Leu Gln Glu Gln Lys Pro Leu Asn Val Ile Pro Lys Ser  
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 Ala Glu Thr Leu Arg Arg Glu Arg Pro Lys Ser Glu Leu Pro Leu Lys  
 100 105 110  
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 115 120 125  
 Lys Glu Leu Asp Gln Glu Pro Gly Ala Gly Leu Asp Ser Leu Ile Arg  
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 Thr Gly Ser Ser Cys Gln Asn Pro Gly Cys Asp Ala Val Tyr Gln Gly  
 145 150 155 160  
 Pro Glu Ser Asp Ala Thr Pro Cys Thr Tyr His Pro Gly Ala Pro Arg  
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 Phe His Glu Gly Met Lys Ser Trp Ser Cys Cys Gly Ile Gln Thr Leu  
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 Asp Phe Gly Ala Phe Leu Ala Gln Pro Gly Cys Arg Val Gly Arg His  
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 Thr Asp Ser Leu Val Val Val Thr Val Tyr Gly Gln Ile Pro Leu Pro  
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